

Title (en)
METHOD FOR PRODUCING TETRAFLUOROPROPENES

Title (de)
VERFAHREN ZUR HERSTELLUNG VON TETRAFLUORPROPENEN

Title (fr)
PROCÉDÉ POUR LA PRODUCTION DE TÉTRAFLUOROPROPÈNES

Publication
EP 2563751 A4 20130911 (EN)

Application
EP 11777886 A 20110426

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Abstract (en)
[origin: US2011270000A1] The current invention relates to a process for making a tetrafluoropropene using a tetrafluorochloropropane and/or a pentafluoropropane as starting or intermediate reagents. More specifically, though not exclusively, the present invention relates to a novel method for preparing a tetrafluoropropene by dehydrohalogenating a starting or intermediate tetrafluorochloropropane and/or pentafluoropropane material in the presence of a caustic solution at a temperature range greater than 40° C. and less than or equal to 80° C.

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2. **C07C 17/21 + C07C 19/08**
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Citation (search report)
• [X] WO 2008075017 A2 20080626 - INEOS FLUOR HOLDINGS LTD [GB], et al
• [X] US 6124510 A 20000926 - ELSHEIKH MAHER Y [US], et al
• [X] US 2003060670 A1 20030327 - NAIR HARIDASAN K [US], et al
• See also references of WO 2011139646A2

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US 2011270000 A1 20111103; US 8927791 B2 20150106; CN 102947256 A 20130227; CN 107235822 A 20171010; CN 107235822 B 20240517; CN 107382657 A 20171124; CN 107382657 B 20240524; CY 1124120 T1 20220324; EP 2563751 A2 20130306; EP 2563751 A4 20130911; EP 2563751 B1 20190123; EP 3533775 A1 20190904; EP 4215515 A1 20230726; ES 2719424 T3 20190710; JP 2013528585 A 20130711; JP 2016053076 A 20160414; JP 2017178958 A 20171005; JP 5882301 B2 20160309; JP 6157568 B2 20170705; MX 2012012496 A 20130118; PL 2563751 T3 20190731; WO 2011139646 A2 20111110; WO 2011139646 A3 20120216

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